



IAP6 Rec'd PCT/PTO 16 APR 2007

I hereby certify that this (copy) (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MIS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

April 11, 2007

*Lynn Janulis*  
(Lynn Janulis, Ph.D.)

Docket No.: 29636/39363A  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jessberger et al.

Confirmation No.: 8165

Application No.: 10/570,047

Filed: February 28, 2006

Art Unit: Not Yet Assigned

For: Methods for Identifying, Treating, and Inducing  
Infertility Using SMC1-Beta

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. § 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) WITH  
PRELIMINARY AMENDMENT A**

**MS Missing Parts**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to a Notification of Missing Requirements Under 35 U.S.C. § 371 in the United States Designated/Elected Office (DO/EO/US) (hereinafter "Notification"), mailed September 11, 2006, in the above-referenced application. This paper is timely filed along with a petition for an extension of time and the requisite fee.

Please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks** begin on page 7 of this paper.